Materials Method N.Y. 13
September 1, 1964.

NEW YORK STATE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF MATERIALS

# "SAMPLING CALCIUM CHLORIDE"

## SCOPE

This method describes specific procedures for the sampling, inspection and shipment of calcium chloride for use on projects administered by this Department's Division of Construction and supersedes all previous instructions for the sampling of this product. This method does not apply to calcium chloride purchased through the Division of Standards and Purchase for maintenance applications.

## GENERAL METHOD

Calcium chloride may be delivered to project sites in moisture-proof bags containing not more than 100 lbs. each, or in air-tight drums weighing not more than 450 lbs. each, or it may be delivered in bulk in tank cars, covered hopper cars or covered trucks.

The name of the manufacturer, name of the product, net weight, and percentage of calcium chloride guaranteed by the manufacturer shall be legibly marked on each container except in the case of bulk shipments where the invoice shall be accepted as evidence of compliance with these requirements.

The evidence of acceptability of calcium chloride at the project site shall consist of packaging and labeling in strict conformance with the above requirements. The Department reserves the right to sample and test delivered material at the discretion of the Project Engineer.

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SAMPLING

At the option of the Project Engineer, samples of calcium chloride may be secured from delivered material in the following manner.

A lot of calcium chloride shall consist of that material supplied by a specific manufacturer and delivered to a project site at substantially the same time.

Two (2) containers shall be selected at random from the lot for sampling. Each of the containers shall be sampled by scraping aside the top layer to a depth of approximately 1" and taking an approximate 1 lb. sample by means of a sampling thief or other method which will insure a sample that is representative of a cross section of the material in the container to a depth of at least 6". Precautions should be taken during the sampling operation to avoid exposing the sample unduly to atmospheric moisture.

The two (2) individual samples shall be immediately and thoroughly mixed to form a representative composite sample and shall be immediately packaged in a 1 qt. glass mason jar fitted with a screw top gasket cover.

The sample shall be forwarded immediately to the Bureau of Materials for testing. Each such sample submission shall be accompanied by a completely executed sample card, Form BR 24. This form shall be executed in duplicate, enclosing one copy in the sample package and mailing one copy direct to the Bureau of Materials.

REPORTING PROCEDURE

When samples are taken as outlined above, a letter report denoting the conformance or non-conformance of the lot with the Specification requirements will be filed by the Bureau of Materials with the District Office having jurisdiction over the project. It is emphasized that the sampling procedure and its subsequent letter report are not definite prerequisites for the evidence of acceptability of this product.

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